

114880

1988

7530-00-222-3521

FEDERAL SUPPLY SERVICE

(GPO)

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Steve 228-65  
228-87

Russell Greenberg

National Zoological Park  
Washington, D.C.

20008

Check on: Novembers netting in the  
Grazed Acajual

In Jill's notebook:

Day 3 Feb. netting in ungrazed Acajual

Day 3 Mar. netting in Young Forest

Feb 4, 1989

Km - 23 Rd off white Rd.

BTG 3rd lame

large m 1b  
8/9m

♂ NW 5/10 lb 3x4"

♂ NW

♂ Red  
WEV

2nd 3 Rd

WEV 5/8m lb 3x4" 1/4

ptim Hand write

Y. Bonne

B. Lunn

R. T. Bunn

A. T. Tandy

AN 3 Rd

WEV

WEU Banana fruit

8nd  
9 polar

8 PW Vortex 547" 17g  
7/9

✓

F.C.P 10 fm 3-

April

Tubs of compacts

MW Q 2/3

3-4' shrubs

Sal Ritter L m. fruit ab

Potato <sup>huge</sup> ↓

WEU 16, 6x to 4/6'

Second S. weissii circ

C.C. Yellow fruit

B.B. Greenish

T.T

T small with Ld

7/12

Ronit -

✓ T 10 fm 3- Banana fruit  
Voda shrub 130 in  
tree

Aug 1-

Trim mustard - small (tubular)

etc Trim

♀ Redstart

Forest - Acacia cdjs

Btw J ad

Forest - Acacia

cdjs

q MW

h Eu cd  $\approx$  5/8'

1b gl x 2 4x<sup>11</sup>"

q m 7/15 Ab kraftig  
3x5" luf

2x3" h w 1b

2/6 Gr. 2nd Acacia  
futura

R.D linear display  
ORDM (tw h)

R.B. Pappulace  
L.L 1st S. Vico

25 x 20 ft  
1.220. sprouts

C. c. lumen

1. P R 20 (Rata h)

1.9 HV [HV]

2.1 RMW n!

2.1 C. (coco)

R. Ant. take

J. B. wren

2.8 x 15m PW prob. in since  
white flower

B.G. Gr. take

J. L R O. sprouts

2 S. Vico

4.2 R.B. Pappulace

(4.9 HV R)  
Rat

(C. 3 1.4m 5 PW 9/11m sellig)  
5.1 R 80m MW h?

6.3 R 20 C Flys

7.1 2 S. viras

B. 6 C. h. h.

7.1 R: HW 2.5

7.4 R 8m PW 1/3m  
RT Recent

2 B. 6 C. h. h.

4. 4 C. h. h.

R, B. Proprietary

7.6 R Lflys

2 S. viras in frangipani

8.1 D. sprin

5 C. h. h.

8.1 R HW 1.5

8.2 1.8m B+L W 4.6L

8.4 R 15m MW

R. B. Proprietary

D. br. t. h. h.

B. 1 (t. b. h.)

8.5 A 17L

9. R 11m PW 8/10

10. S. viras

10. R 8m Lflys

B. 6 C. h. h.

11. 2 4T wishh flor av

2 S. viras

C. h. h.

11. 2 PW 8 1-12 15m poly ethylene  
10. 9 [4T]

11. 5 L D. sprin

12. 5 B. 6. C. h. h.

13. 2 C. h. h. L 15m

14. 7 C. h. h. 5/6m Acacia

13. C. h. h.

S. viras

C. h. h.

V. c. scribneri

2 9m in Avocet

13. 4 L 9T hoh

15. 2 7 Mys 5m

15. 5 L PT Lit

15. 5 R 7m MW 5m

16. 7 T Mys hoh

R. h. h.

17 T Prece

W.C. sedatives

18.2 R 4T 3m or ground

19. R.B. P. problem

4. N. Electric

19.2 L 0. sp. mers

B. 6. 6. 6. 6. 6. 6.

19.8 R 15m L flies.

1 4T

T<sub>2,3</sub> 10

260 3mn Loring 1b

3mn herring 1b

160 4mn gr sp. herring 1b

100

200

200

200

100

100 3mn sp. herring 1b

2m herring 1b

200

200

160 4mn herring 1b

100

160

200

300

200 4mn herring 1b

200

2/2

2 km down rd rd - 4-5:30pm 2/6

Thick Scrub by Rd  $\approx$  3m

♂ MW

♂ HW

Villisted Rd Bird 1

25, B war

F. P, n, 0-1

Yellowthroat

♀ T white

Hooded White

# 2

♂ U m chg

2-3<sup>rd</sup> Scrub

♂ MW S

MW g

YT bl

Scrub with 4m Allias

no bl, h ♀ thw

PT S

- MW Ld

WT

BTG (♂: listern)

Feb 7

CIGRO

Botanical Gardens

2WEU

8 ♂ HU + ? HU

ad ♂ Red-tint

♂ MW

KULd

overbird

R.T Tanager

Croak & Wren

Mulberry

♂ 2 YT Larklets

♂, ♀ RTG

2 J

2 ♀ PWr

Bwwrhtr

♂ Bwwrhtr

♂ S. Tanager

♂ Noddy Wabler

ad ♂ MW

7 Cr. chick L

B.C Flyc

L. Grn

♀ Indigo Bunting

2 Green Jays

Hooded Oriole

4T Vireo

Hw Line 4  
Vulture Rd - off rd

lots. of stony short trees 10-11'

Q MW  
2 F Points

Similar habitat

♂ HW

WEU

LBW

B-L. nolc

S. cockad

lots. of trees

♂ HW

gravel lots. of trees

WEU

LBW

S. virgo

Q.R. Ad. 11"

F. R. 11"

Hw Line 4

lots. of trees

mostly thornless but long

Hw Ld

" No HW

" Hw Ld

Most trees killed - N. da

Feb 8 - AM

nt 1 Blown down trees

L flyc.

Robt & Ld

M. bl. bl.

S. virgo

PTL

F. R. 11"

Rockline Sub ♂, ♀ MW

PT ♂.  
sparrow

B.L S. 11"

Yellowthroat

Purple

Bluethroat forest  
Rocky Mtns

2 WEU  
♀ NW  
3-4 R.T. Arctothis

L Flycatcher

HW flycatcher (Benth. 11)

2 Scrub jays

B. Titbird

L. Garter

Mostly shrub forest & dunes

Muscled

HW ♂

Greenlet

BHW ♀ eccl

PW ♂

RT Tanager

WEU

intertidal v. + g

Same Bluethroat lots of dunes & trees  
Little variety

BHW

Ridgeback

RT Arctothis

RT Blue Tit Fly

4:00 pm

hazy  
Bluethroat - male - very shrubby

Revised - in clusters

BHW

18 MW

Hazy Bluethroat - shrubby

male ♂

hazy bluethroat - male (flock)  
5:45

Feb 9

lost pi. + redine

HWS

MW. mns

WEV

Bh Tigrin

P. B. Woodpecker

[LFLy]

On Same Trail:

heavy blowdown - thick scrub

WEV

gray titbird

Feb 9 pm

2 km S P. Moch, along mtns

Tall firs, L

heavy blowdown of big trees

near rock ledge

♀ <sup>HC</sup> with thin tail feathers + collar

N. Bristlebill

Tall firs, heavy undergrowth for strong  
tans

♂ HWS

R. T. Ant tanager

N. Bristlebill

Cricket

Similar habitat

♀ HWS lots of black on throat + back + tail  
WEV

gray crown - A few stumps by trees

♀ HWS Cluz 2 (second molt)

Ant tanager

T. B. Woodpecker

♂ YT

Feb 10 Felipe's Ranch  
tan forest mudmud country

2♂ HWS

3PW

♀ MW

WBU

R.T. Antthr

(flycatcher)

(Attila sp. sp.)

L. bracelets

Banogn.

T. B. Woodcreeper

Lower bludown

house

By tan stay

♂ HWS

Hw♂

♂ MW

L. Bwan

L. Bludcreeper

Pr. bt (het♂)

M. Blt+bil)

L. Gashly

♂ Blu Bly

L. sp. Phizw

shrub forest dry, fractal

at 3 Rods + 1

♂ MW in good place

Y. Vireo

♂ ♀

7:3

R. T. Tanager

B. W. W. W. ♂

B. W. W. W. imm ♂

Z. L. Gracleds

♂ YT G. com

♂ Parula

♀ Parula

W. Vireo

Y. Vireo Vireo

Laz. flycatcher

L. B. wren

♂ HTW ♂

L. Gracleds

T. C. Gracleds

R. L. Hornwepers

S. T. Spadebill

O. woodcreeper

h.s. in wet blunder

HW imm ♀

MW ♀?

W.E. virgo

W.L. lida

4 R.T. Antillean

P. pluvialis

R.T. Tangier

S. limbata

W.B. wren

dry blunder <sup>or very</sup>

some birds

♂ HW imm

W.E. lida

S. B. wren

+

S. B. wren

HW imm ♀

R.T. Antillean

W.L. lida

♂ HW ab

L. E. g. lida

more open blunder + shrubs

Loc. Blunderdown

2 C. c. c. c.

2 D. c. fly

L. B. wren

♂ PW }

♀ }

B. v. w. S.

MW ♀

R. W. ad ♂

Greater)

W.E. virgo

B. P. fly.

W.B. wren

R.T. Antillean

B.C. flightless

Pretty More Blunderdown

Brown Jays

Coba - Parrot

BTG

MUJ

MWQ

Pointed Berry - cat's weed purple peduncle fruit

Troch. B-12

♀ S. Taw

Erythrina - cat's foot

♂ Pinkie

♀ Hooded W

♀. B. Blue

♀. W. Tawers

I. B. wren

M. Bluebird

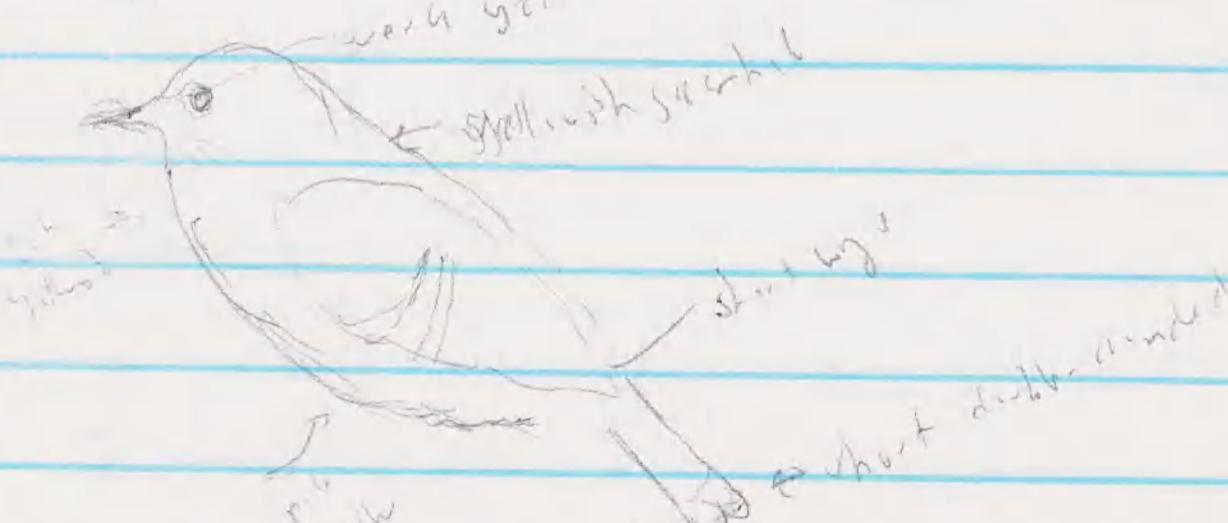
Yellow-billed

at hole float went

Long-tailed

with yellow +

green with streaks



Kreayup' form

No wing or  
tail sick

shy Parrot - along

at S. Rival?

GMW

♀ AW

Rd to cave 3.2 hr from P.M.

Caves

Feb 11  
Morning  
also Rd S. of P. Morales

Short 13m forest mud  
blowdown lots of

starling  
♂ HW, ♀ "clown"  
♂ MW, ♀ MW

2 LBN  
♀ R.T. Antillean

W. B. war

hairy blowdown

2 LBN

GTU  
ad ♂ MW

Imm ♂ MW

YT ♂

W. I. vireo wulker

HW ♂

G. B. sparrow

mail blowdown

hairy starling

♂ MW

2 LBN

R.T. Antillean

hay  
Blowdown with extensive grassy  
nodes

short forest, <sup>no</sup> blowdown  
N. B. warbler

♀ "3" HW  
♂ MW

♂ HW  
b. catbird  
b. B. sparrow  
WE are 0  
♂ MW

♀ - no black  
breast



List of Birds seen on  
Hurricane road Feb 6-7  
Verlote Rd, Botanical gardens, Petros  
Rocky Rd S.W. of Town

Key Collected Forest Falcon

Crane Hawk

Gray Hawk

Rufulside Hawk

S.T. Hawk

Plain checkolaca

Red-billed Pigeon

[W.C. pigeon]

Common Grand Dove

Olive-throated Parrot

White-fronted Parrot

Yellow-fronted Parrot

Squirrel Cuckoo

~~Blue-bellied~~

White-lored Emerald 1

B. headed Tropic 1

Golden-fronted woodpecker

Yellow-bellied woodpecker

Linneted woodpecker

Reddy Woodpecker 2

Olivaceous Woodpecker 2

Tuft-billed Woodpecker 4

B. f. Anthro. 2

N. Bicknell's Thrasher 2  
 N. Bentbill 6  
 Yellow-olive Flycatcher 3  
 Stubb-tailed Spadebill 5  
 Tropical Broadbill  
 B.R. Attila 10-15  
 Yucatan Flycatcher 1  
 Dusky-capped Flycatcher 12  
 Great-tailed Flycatcher 1  
 Brown-capped Flycatcher 2  
 Kiskadee Least Flycatcher 10+  
 Br. -billed Flycatcher 15  
 Social Flycatcher 10  
 Tropical Kingbird ?  
 Rose-throated Bee-eater 12  
 Masked T. Tyra 4-5  
 Green Jays }  
 Brown Jay }  
 Yucatan Jay }  
 Spot-breasted Wren common  
 Carolina Wren 6  
 White-bellied Wren abundant  
 Long-billed Catherer 1  
 Babbler Babass  
 Tropical Grackle 2  
 (Colored) Robin 6

Gray Catbird 15  
 Black Catbird 10  
 White-eyed Vireo - count point  
 Yellow-throated Vireo 4  
 Yucatan Vireo 7  
 Tropical Grackle 5  
 Lesser Greenlet 30  
 R-fl. -br. Peppertree 10  
 Blue-winged Warbler 2  
 N. Parula Warbler odd  
 Minn. Warbler odd  
 Black-throated Green  
 Yellow-throated Warbler  
 Black & White Warbler  
 Am. Redstart  
 Palm Warbler 2 (on rd)  
 Acornbird 6  
 Kentucky Warbler 2  
 Common Yellowthroat 17  
 Hooded Warbler 3T  
 Gr.-throated Chat 3  
 Wilson's Warbler 1  
 Bananaquit 2  
 R.L. Hornero 3  
 Scrub Euphonia 2  
~~Yellow-throated~~  
 Red-throated Ant-tanager 120  
 Rose-throated Ant-tanager 10

Summer Tanager 2  
 Black-headed Saltator 6  
~~NOTE~~  
 Rose-breasted Grosbeak 1  
 Blue Bunting 2  
 Indigo Bunting 1  
 Green-backed Sparrow 8  
 Melodious Blackbird common  
 Black-cowled Oriole 6  
 Hooded Oriole 10  
 Yellow-bellied Oriole 2 ?  
 Yellow-tailed Oriole 6  
~~RA~~ Altamira Oriole 6  
 Yellow-billed Cuckoo 4

Feb 12

6:00 →

Crane Hawk August

Short-toed ~~in a~~ T. Red  
 47 virco  
 27W 1d

August 2 (fbm)

~~in~~ T. Red - Reg 1b 1' 5/6m  
 1x 6" long

7B. Condor is white-flowered virco

HW 7/8m ~~Black~~ + Blue foot

Red tail ad ♂ - 8/10m 1b 1sp 3"

HW ad ♂ 9/10m 0/8m

2 LFbs

Q PW (contr. but) soil with vine flowers  
 4/6m

ad ♀ BTG - 5/7m Ann 1by1

S MW 3<sup>4</sup> / 1.5 m Arm

1bgl

T

R

Along Rd - short bush

long tu

WEJ 3/7 m short  
bush 1bgl smaller

mn 17 R short

3+ 1"

FW

old road

km 15

♀ BTG 1bgl acc, ic  
14/16 m

mn 15 Rd

km 15 Rd

NJS

RTAT

EP1+2, 1

T.C. GRANZ

C.C. Lohr

P+eng

O. mormon

I. B. mormon

Unsorted August 13 1989

clear + dry

76 B. B. humeralis

[H.W.]

18, 1 Scrub Vireo W

17, 1 Sparrow W

17, 8 R. V. 2 flyed 3/4m

19, 1 S. vireo

18, 2 Redd.

16, 8 R. + T. vireo

16, 5 G. sparrow

13, 3 S. vireo 2d

15, 5 d (13m 3/8 R. d. 1d)

14, 1 d (5m MW)

14, 2 1m, T. vireo

14, 1 ♀ sparrow W

♀ MW 6m

2 Crows (W.E.V. 1d)

D. L. Fly.

B. C. (1 + bw)

12, 4 S. vireo

11, 1 H. W. 20m

11, 3 G. Flyer

11, 5 S. B. war.

10, 4 MW 5/6 R 15

9, 8 F. T. Envir.

(9, 3 R 15m ♀ Red. 4 (6x))

F. T. Envir.

8, 3 L 3m Lev Red/? 2.5/3.5

hgs

Common Linn

8, 2 15m H. Linn

R 20m H. Linn

R 20m L. Linn

B. C. (1 + bw)

H. vireo

6, 9 (bottom Red 5/8m)

S. vireo

B. G. Flyer

6, 5 20m H. W. 15

6, 3 L 10m H. W.

B. C. (1 + bw)

5, ? F. T. Envir.

S. vireo

T. Pecker

3, 5 O. sparrow

S. vireo

8, F. O. sparrow

F. T. Envir.

B. G. Flyer

O. R.

[MW, 91]

11, 2 S. B. war.

0, 1 H. war.

Rd Sw STERESA

HW 5  
Lid. 3

WEV 2

Lhy 2

PW +

MW 2 = 15

Intervals

300 5 x 3m long 1b

300 3m long

Wn sp. x

300 3m n sp. 1b

200 3m long 1b

300

200

200

100

200 4m long 1b

300

200

0/9

♂ BTG 12/1 3/8m 2x3" 1b  
♀ BTG 12/1 3/7m Arc

~~WEV 2~~ ate Brown fish

♂ BTG ♀ 8/11 2x3" 1b  
sp. w b 1/3 1

WEV 3/5m 1b hy 3x5" 3"

MW 1m long 1b 3x5" 3/5m

WEV 3/5m 1b long + chgic

Vio leaves, Tigris

20 ♀ - Tail Forest  
Feb 14 dawn - 1hr

20 R 20m Redstart

L. Greenle

W. Bluebill

Ant Thrush

18.4 Redstart

18.2 L 20m Hwht

BB hummer

18.5 R 12m 15/12. B + WW ♀

3 B. Jays

L. Greenle

19.3 R 15 West 19/12m

S. Blue

D. C. Fly

17.9 dawn - 1h EN 20m Brum

12/12m

(P. T 20 B W h)

(17. + 1 20 Muly)

16.5 12m 12/12

12/12m R D

G. Greenle

16.2 12m BTB

7.1 -

W. S. Shrike

15.9 Redb. I

15.9 R Redstart 10m

(P. T 18m MUL)

hummer

17.2 Buth. I

Ant Thrush

L. Greenle

♀ G. Phoenicis

13.9 (R C. Ant Thrush)

4.0. D. Flycatcher

A. T. I.

S. R. Flycatcher

O. wren

R. T. Ant Thrush

(13.5 R 12m MUL)

13.5 R BB 12m ♂

12.9 I. B. Flycatcher

B. Greenle

T. Greenle

12.5 R 10m Rail. I

(16.7 I 12m MUL)

15.9 R 20m Rail. I

R. T. Flycatcher

T. Greenle

4.1. B. L. Flycatcher

Feb 14

PM

Trail ~ 7 km - tan STEREA MA

going N (post Quivis on 102+)

102+ to 101-

MW Q 1/2.5m 1b 8 6x2"

Root (che) ad 3 R18  
3 MW

3 ad <sup>Red</sup> bent + drip 1a + 3'

Q MW short forced

15 Feb

Yours Post 30 acts

7:00 pt 16 - Bentbill, Spadebill, BB Hummer  
Ruddy Woodcreeper, RT Ant Tanager

Pt. 5 American Redstart ♀ 19.5

Wt: 7.0 gr wing - 5.96 12.5

Fat: 1- 7.0

#163 Red/or left

8:30 Ruddy Woodcreeper  
Olivaceous Woodcreeper  
Blue Bunting  
Gray Throated Chat

Hooded Warbler ♂ 26.5

Pt. 7 17.0

dB/or right #32 9.5

Fat = 1-

Wt = 9.5 gr

Worm-Eating Warbler 28.5

Pt. 8 14.7

Blk/Blackleft #164 11.8

Fat: 1-

Wt: 11.8

9.5 T. brachypterus  
S. 1000'

9.2 R. 18m (MW + N)

8.1 d 8m (Rd)

8.9 d 6m (MW)

8.9 R 21m Hw

LB. Eared

6.9 25m 719m at S

(Rd)  
16.8 3+7"

6.1 d (BT6 16.7)

8.5 2 w 3/4m  
2 4+4 1/2m

4.2 R. 10m

4.0. Hw

3.9 R 10m BT6 + 1

3.5 R 8m MW 3  
614m  
16.8 3+7

2.5 P. R. B. 16.7

A. 11+

WB. Eared

1.9 x Red. 1.5

1.2 26m h 1.5

LB. Schag

0.2) 3 R. 20m 4/12m

(kw

(4 m 3/4m

AT 6 km

LB. woodpecker

R + Ant + 2

T. R. L. woodpecker

R. T. Tongue

(Another m. to 10) 8/02

BT6 58?

H. L. 3

K. L. 1

R. L. 1

MW 10

R. 1 7

LB. EV 2

28

Trist (cont.)

100 4mn spn spn 1b

200 3mn spn spn

200

100 3mn spn 1b

100

150

350 (3mn adult blu bng)

1200

200 (5mn spn spn 1b)

200

300 (4mn spn 1b

fat 1b

300

2200 1.7mn spn 1b

300

2700 0/6

15 Feb Young forest (cont)

Ovenbird Pt 3

24.8

or/or left #239

7.3

wt: 17.5 gr

17.5

fat: 1

Wing spots

PT 11 unbanded sp 11c

caught in ~~net~~ by holding 3

9:30 Blue Bunting, V.B. Cacique

Smoky Brown Woodpecker

Hooded Warbler 1mn ♂

24.4

Pt 2

14.8

wt = 13.6 gr

13.6

Fat = 1

#166 Yellow/Yellow left

\* RE-CAPTURE HOODED WARBLER

#112 RED OVER RED LEFT

PT 13.5 ♂

28.5

FAT = 1-

18.4

WT. = 10.1

10.1

(2) RT Ant Tanagers ♀, ♂

*Thraupis Episcopus*

B. B. Hummingbird

T. W. Woodcreeper

Green-Baiced Sparrow

12:30

Magnolia Warbler

#65 CT BL. OVRZ CT BL. LEFT

♀ ADULT PT. 18

7.3

FAT = 1

WT = 7.6

7.6

WING LENGTH = 5.70

2:00 OVENBIRDS PT. 7

#240 RED OVRZ RED LEFT

35.3 FAT 1+

16.7 WT. 18.6

1MM. BY TAIL BARS + WING COUNTS.

\* \* OVENBIRDS - REASONABLE LAST YEAR

#60 RED/GR OVRZ RED/GR PT

FAT = 1

WT = 18.8 PT. 7

ADULT \* TAIL MARKINGS

12.5

18.8

(3) I. B. Woodcreepers

Ad ♂

2:45 Black & white Warbler

WT = 10.0

PT. 6

26.5

FAT = 1

16.5

Red/Red Left #167

10.0

Ruddy Woodcreeper

DAY 2 2/16 Young forest area

(2) Ruddy Woodcreeper

R.T. Ant Tanager

B.C. Motmot

F. Pygmy Owl

PT 14.5 3 NW SGL (1) LEFT

8/10n (hsl 3+5)

\* \*

resighted

16.5 HW ♂ 4/0 Recap (right) (E470)

FAT = 1

25.4

WT = 10.5

16.9

14.5

\* \*  
17.8 PHLBc HW Recap ♂

R.T. Tanager

W. Bluebird

♂ Reddy Woodcreeper white Barred  
Ruddy Woodcreeper

10:00 W.E. Vireo PT 14

1 fat

24.9 - 13.7 = 11.2 gm

adult tubing?

#291 right

lgr lgr left

Tanout Sighting 2/16

PT D. Grackle

T. C. finch

Y. Vireo

♀ Rusty un

♀ Pewee (10 lbs) 223'

♂ Vireo

11:30 N. Parakeet

Yellow L. Lorakeet

R. Woodcreeper

B. C. M. finch

♀ Redstart R/O 1 fat PT

1:00 Long-tail Flycatcher

32.2 - 25 = 7.2

1 - fat

130 2.4.5 1"

PT) Oakbird Rich Red left

Recpt) from dy bifore

19.1 gms 1 fat

2/18

VM 5 Circ. 10. Buds

WEV 10/15 m H large 3' x 5"  
c. smaller

WEV 10/13 - Buds + Lvs

1+ large 4' x 5' lat  
6"

BTG q + 15/15 m two stem

♂ Ris Knob drop 2' 3' x 5' lat

WEV - long Buds

with lots of fruit

4 T Jumbo flower + char. at 2x

Wardrop + pulling through

4 T view outside at 6x  
thin WEV 10/15 m

Ad ♂ Ris 2

Ad ♂ Ris 2 hf

of Ris 2

WEV 6/12 m 16 large 3' - 3' x 5"  
16 stem 4' x 5" McWayne  
16 g 1

2 w. checked P. + F. b. d.

1 long + (2) 3' - 5" white  
long culv. fl.

2 v. Tropic 1 first just 2" seen  
smaller

ad ♂ Ris 2

ad ♂ Ris 2

WEV - fg? sp. + p. seed?

Feb 17

♂ 7 km NE Serrana

WEU & 6 m 1bgl Bignoniaceae  
Bignoniaceae  
at fruit

♂ 1m h Red 3/5 5' Forest  
2' 1b hsp 2'

♂ MW - SP

♀ MW - SP

Low inundated forest  
♀ clss 2 Hw

♂ MW

imm ♂ Red tvt  
♀ 1m Hw

Red?

Hv?

M?

WEU 6/7 m 1t 2x4' hsp

2

Feb 18 cont

WEU (infestation)

PvS 1bgl 3+ 8/10

PvS prob small white flowers  
w/ opposite leaves

Imm ♂ Red

♀ B56 12/12m Acacia LT hsp

2/15 Punta Partida

3-? km on Rd to Ranch Rosita

3 BT6 14/15 ~ 16 hz

♀ BT6

2 WEU noisy

4 G.C. flycatchers

MW♂ TF 10/15 11hz 3x5"

"ring" ♂ 10/15 ~ 16 hz 2" 3x5"

3 KW

1 Yellow-bellied Flycatcher  
(Lanius Virens)

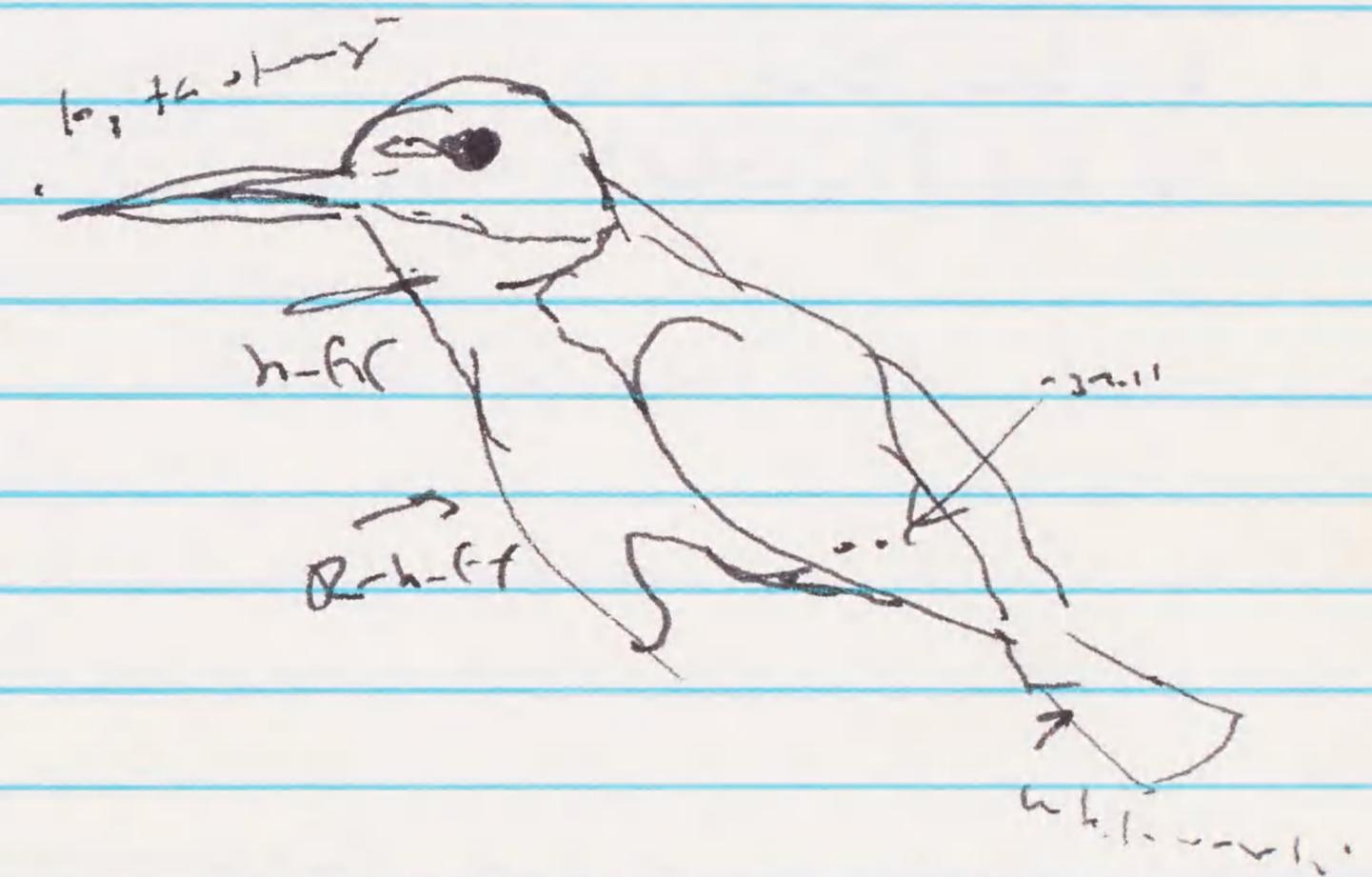
♂ BT6 Araguia

WEU 3/5 ~ 2x5" 16 hz (2)

Fern.

♀ MW 7/8 16 hz (1) 1x3"

BT6 imm?



LEU - flycraz

Rock ♂

Red ♀

W.W. ♀

Feb 18-19 we went to Southern part of the reserve.  
Part. Polking → Rich. S. cardinal  
Tark Rd from P.P. to 916  
forest 3 km the willow  
thick 2 km of tall forest:  
g. Dinkie H. L. P. J. & nest  
Pewee Kingfisher  
C. B. - Dove  
4 G. L. Flycatcher

Feb 20 1989  
Clear with occasional line clouds,  
Young forest transect - forward

0. 2 R. Red-t. Rd 8/10m ♂ up RT 1/10m  
3 Guanaco  
S. vicinus

0. 2 R. 5m HW Ld  
S. E. pionus G. E. leucurus

1. 3 R. 15m HW Ld  
1. 1 R. 10m Ld

1. 3 R. 5m RT ♂ 10/11m Az  
B. Bentley

1. 2 R. Red-t. Rd Ld 20m R  
B. B. hummer

1. 4 RT (20m) Ld ♂ 15m

2. R. 10m H  
R. S. Mat. Tucu L. L.  
ML (2m h)

2. 6 R. 10m Rd h  
2 Guanaco Vg  
R. B. L. mnr

3. 5 ↑ G. L. Flycatcher  
G. L. Flycatcher  
1. 5m 8/12m b/Gu down left p. rise  
(Red-t. Rd h)  
ML h 10m l  
B. J. 6

N. Berdless tannery

Bricklay

B. B. Fletcher

5.2 R EV site Burns  
4.9 R  
Red/Black  
8/10m

5.3 14m x 12m  
B+Wood (BLW+BLC?)

L. bricklay

M. wood

S. B. wood pr. h.v

Y. (tun) 118

6.3 & Berdless, 7.6.1  
BWW 10/11  
cm 1b, 1  
RT 17m  
MW 10m

RT 17m

MW 10m

6.7 (EV 18/10m 1b) 10m 3

M. wood

10m

RT 10m h.v

7 Berdless tannery

R. T. F. - 8V

7.1 R 5m RT 6m h.v

7.1 R 10m h.v

2.5 R 20m R. h.v

7.1 R 10m each Burns

0/0 RT

R. C. Fletcher

G. T. ch. + 11.5

7.2 R 8m H.W.H.

S. C. C. h.v

10. ? G. C. h.v h.v ??

M. T. h.v h.v

7.5 Soc. 1 Ph. h.v

12.3 R 20m H.H.

R. T. F. - 8V

S. B. wood pr. h.v

[Ph. + C. h.v]

Berdless tannery

10m 8V

C. G. bricklay

15.1 R 10m of Red on 8/10m

MW 10m

R. T. F. - 8V

G. C. C. h.v

[B. F. A. T.]

16.7 R MW 20m h.v

RT 17m

R. C. Fletcher

17.1 R T. F. - 8V

14.5' l 7m  $\text{HW}_{\text{d}}$   
11.5' x 10m  $\text{HW}_{\text{u}}$

1st  $\gamma$

$\text{HW} = 0.7$

$\text{MW} = 6$

$\text{WE} = 7$

$B_{\text{HW}} = 1$

$B_{\text{MW}} = 1$

$R_{\text{ad}} = 5$

$\text{BTG} = 1$

$L_{\text{fl}} = 1$

$C_{\text{f}} = 1$

WAT B.L.

Antivin 1 +  $\text{PT}_3$   
1.5' +  $\text{Bn}_3$

4 m  $\text{H}_{\text{u}}$  6/8 -  $\text{fl}$   $\text{h}_{\text{g}}$

AdJR1.m

Inputs 2 R

150  $\rightarrow 1b$

1.5 in gr p. 11. r 1b

200

$\frac{50}{400}$

100

200

300

$\frac{1000}{1000}$

200

100

200

200

100

200

300

200

300

200

2 x 4m suspender 1b

3m suspender 1b

21 Feb Bigorn Grizzled  
Arequel on Rd.

WEU in Biscorn - very numerous  
skinned - was finally legal  
for first which was swollen

returned 3' later &  
skinned again  
was still on tree when  
21-FL

Arequel - May Ac 14 375 ~

♀ R. c. d. 12

1F 1b 1sp 3' Acorn

cross Rd Arequel

♀ MW 1.5/3m 1b 5)

♀ R. d. 12

hot spring. 1

YT Wulff,

S. T. - 25



bet 2 old st trees

WEU in Biscorn - very

got 100s of ♀

1 Biscorn - total of 3

10+ m

Along Rd towards quarry

in quarry - Reddish Eject

WEU ♀/10m 1b 1sp 3" x 1" ④

♀ R. T. hummingbird feeding  
on white flower in Arequel

♀ R. d. Arequel at 5/8m  
1b 1sp 1.5m 1" 2+4  
gills close with 3'

ML 3  $\frac{Ac^3}{LF}$  1/25/2 m  
1 trap 4 yr.  
1681

4/4.5 m ♀ Ac/LF

12+3"

Ungrazed Ac. land setting  
Feb 22 1989

645 not run

WB wren

SD wren

Yellow-r. Flyc

9 Drunc. Oriole

O.C. Flycatch

3 B.B. hummers

♂ R.T. Bocard

27  
16.2

WEU Pt 13 mn

27 - 16.2

1 fct

1 gr. 11 blu. 1. fct

206 R. L. fct

RECAP  
88

YTH RECAP 1.0 + 1.0

B/R - Drunc. Rich  
#102

ad ♂

1 fct

23.5 15.5

23.7 AMERICAN REDSTART ♀  
17.0 BAND. PT = 0  
06.7 WOVER RED/WHITE OVER RED LEFT.  
FAT = 1-  
# 172 WEIGHT = 6.7 gr.  
Now

OVENBIRD WT = 17.8 gr.  
38.4 DARKBLUE OVER YELLOW / DARK BLUE OVER  
20.6 YELLOW. LEFT.  
17.8 # 244. Now PT = 6.5.  
FAT = 1  
JUVENIL. TAIL BARS

35.0 HOODED WARBLER. ♀ (III)  
25.6 FAT = 1- PT = 5.0  
10.4 gr. BLUE OVER RED. RIGHT.  
# 27. RECAPTURED.

34.0 HOODED WARBLER. ♂ PT = 11.0  
34.0 YELLOW OVER RED OVER LIGHT GREEN. RIGHT.  
10.0 gr. # 75

HOODED WARBLER. ♂  
23.3. FAT = 1- PT = 17.0  
13.5 09.8 gr. # 127.  
BAND BLACK OVER LIGHT BLUE.  
RECAPTURED

MANGROVE VIREO. YELLOW OVER ORANGE PT = 5.

~~28.3~~  
W. L. SEEDATER  
(2) SCRUB VIREO  
W. B. EMERALD  
(2) B. B. HUMMINGBIRD  
MOLTING BIRD  
YB CACIQUE  
W.C. SEED  
CHACALACA  
Y.T. RUPHRONIA  
OL. SPARROW GR. BK. SPAR

\* Yellow Breasted Chat  
LT GRN/LT GRN LEFT  
31.0 7.0 FAT = 1 WT =  
29.0 gr. PT. 14.0  
SMALL FLAT SEED IN SHIRT

D-2

2° DIA. 23 III 89

## Vireo griseus.

WHITE EYED VIREO.

27.0 gr. #245

PT, S.

16.5 WHITE OVER BLACK / WHITE OVER BLACK LEFT.  
10.5 FAT = 1

MAGNOLIA WARBLER ♀. #173

32.0 WHITE OVER BLUE / WHITE OVER BLUE.

25.3 INMADURA.

06.7 FAT = 1

23 III 89

## BIRDS.

- Sporophila torqueola
- Cardinal.
- Black catbird
- Amazilia caudata
- Arremonops rufivirgatus

3 ol... - p + row

4 Marg. over Vireos

ad + yg. Turt. - Jay

4.1.1.1. Vireo

MW ♀ ADULTA.

PT = 12.

#176 RIGHT.

22.9 YELLOW-ORANGE OVER YELLOW ORANGE  
16.5 LEFT.

06.4 gr. FAT = TRACE (-1)

4.84 ALA.

REDSTART. ♀

PT = 6.

21.5 ORANGE OVER RED. #120

14.6 FAT 1- RECAPTURED.

6.9

WHITE-EYED VIREO.

PT = 6

RECAPTURED FROM. 22 Feb.

FAT 1+. MOLTING BREAST FEATHERS.  
(2 veces).

- HOODED WARBLER. ♂ P = 7

30.0 #96, Recaptured.

20.5 FAT = 1 ROJO-BLANCO OVER. VERDE BLANCO

09.5

20.5  
10.5  
10.0

Geothlypis trichas. ♂ adulto. PT = 5.

light blue over green light #81 left

FAT = 1

Recaptured

7:45

T Mockingbird

R. B. sp. etc. 1

G. B. sparrow

B. B. Hummingbird

Blk. Catbird

Y. B. Chat lg lge PT 11  
recpt from dig before  
1 fat

L Flycatcher PT 12 New  
#174 RIGHT.

26.8. YELLOW ORANGE OVER. YELLOW.

18.2 ORANGE YELLOW

18.6  $\bar{FAT}=1$

8:50. Saltator atriceps.

10:00 Spizella torqueola ♀ A  
Ayremorops virginicus.

OVENBIRD.

PT=6.

#249 RIGHT

YELLOW OVER RED/ LEFT

YELLOW OVER RED

FAT=1 NC ✓

HW 3 Recpt from Day 1

PT 16 Blk/Lt+BLK 1 fat

WEV Recpt. lbl/lhyr PT 14 (P<sub>2</sub>1)  
1 fat

SEEN ♂ PW PT 12

♀ PW oliv, transition  
PT 8

feeds on the white thw,

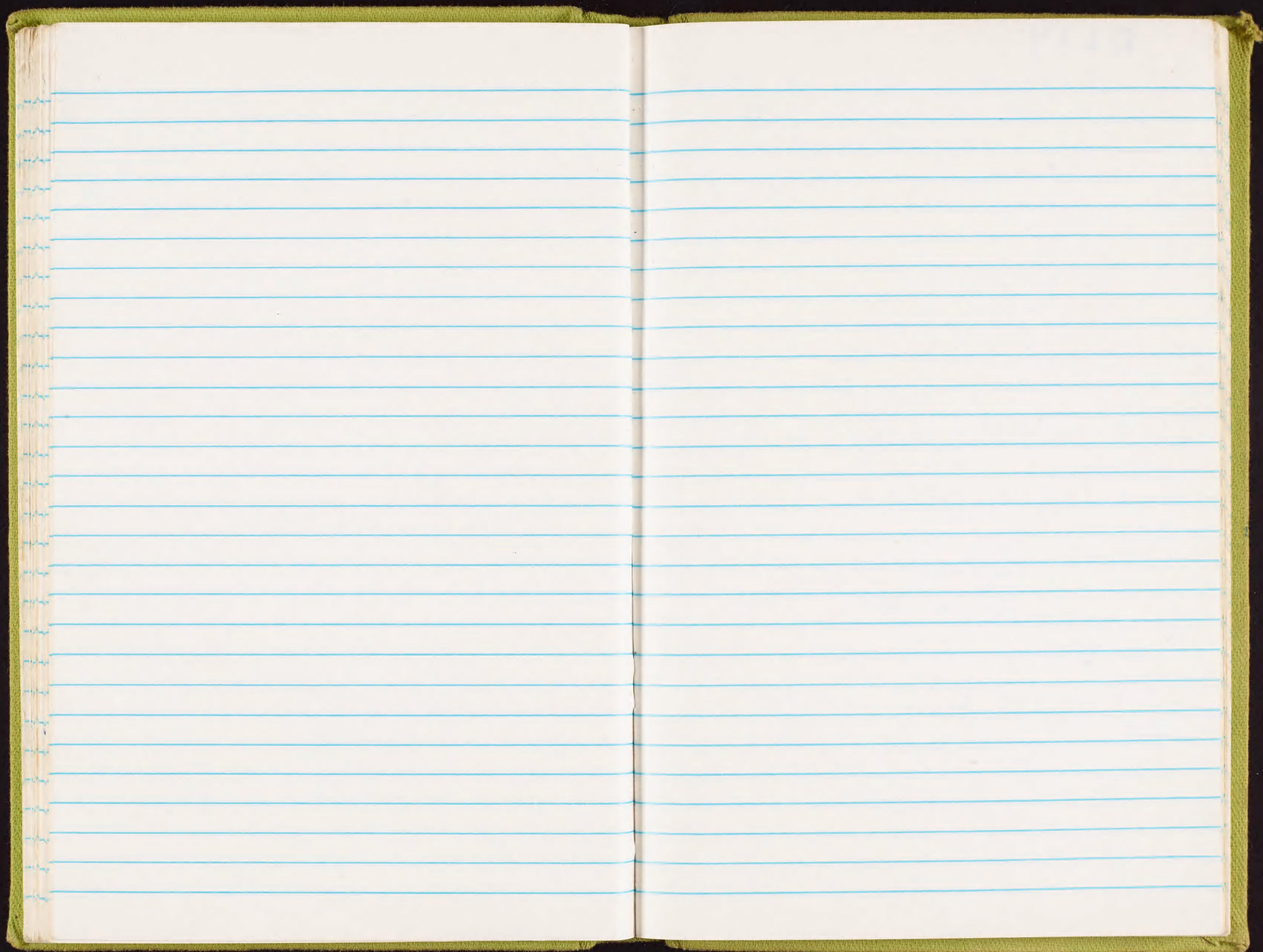
♀ R.T. hummer or sun flwr.

10:30

2 Scrub war

B. Catherd

g R.T. hummer &  
Chipping



Feb 24

Short Forest AFL

150' SSW

6 RTB 10/10m

4hr 16 trip 6' 243

6 RTB 11/11 16 by 3'

400' 11'



2.5 km from ST on N

WEU includes for 5 m

16 trip 11' 3-1

twinkled

16 trip 15' 302

the storm line (run

at 2-3 Barre - event)

very low in foot

2' 3rd Red SF

♀

see 2 more with prob

by fractions

Feb 24

3:30 pm clear air

Along young forest transition

Wing HW + MW +

1000 MW -

HW ♀ 1st juv  
mixed  
W/LW left?

Pt 1 ♂ birdie R-W? ♂? R-L?

♀ MW vb

Pt 2 - nida

Pt 4 O/B  $\frac{L}{U}$   $\frac{U}{B}$   $\frac{L}{U}$  HW

Adj R-W U/B

In w, h-l  
Um ♀ MW  
16/11 16/14  
5x1" multicolor

Pt 5 nida

Pt 6 nida

Pt 7 nida

♂ Nida

♀ - fd MW in d. tru

10 Nida

11 Nida  
≈ 5:00 - quit!

Pt 2.5 um imm Brw

um ♀ MW  
R

Feb 25

Pt 11 Node

12 "

13 - ♂ R.1 ad un

P, BTb B+y

and 11/11 Aun

1.1/1.2 VHW (hgt)

"not in N type?"

No recipient from

Most are Hg

and 2nd sibling

when I first find

Pt. 14 - B+W ♂ ad un  
Hg of RR-1:fl?

Pt 15 Hg 3 P/B Q, Ld

16

17

18 - Hg ad un - m. un

b-ml

MEW-un

2 WEV un

un

19 - Node

20 un WEV

Along Rd NW + YF Tow-L

19.5 BTb

WEU 1x2" (1st Hg) + fl-1

close

7/8m

(most R, fl, tv)

(most fl)

YF V 10/11 Aun Barbs/le

BTb W 10/11 Aun. the

face into position

plant  
1b hgt 1x2"

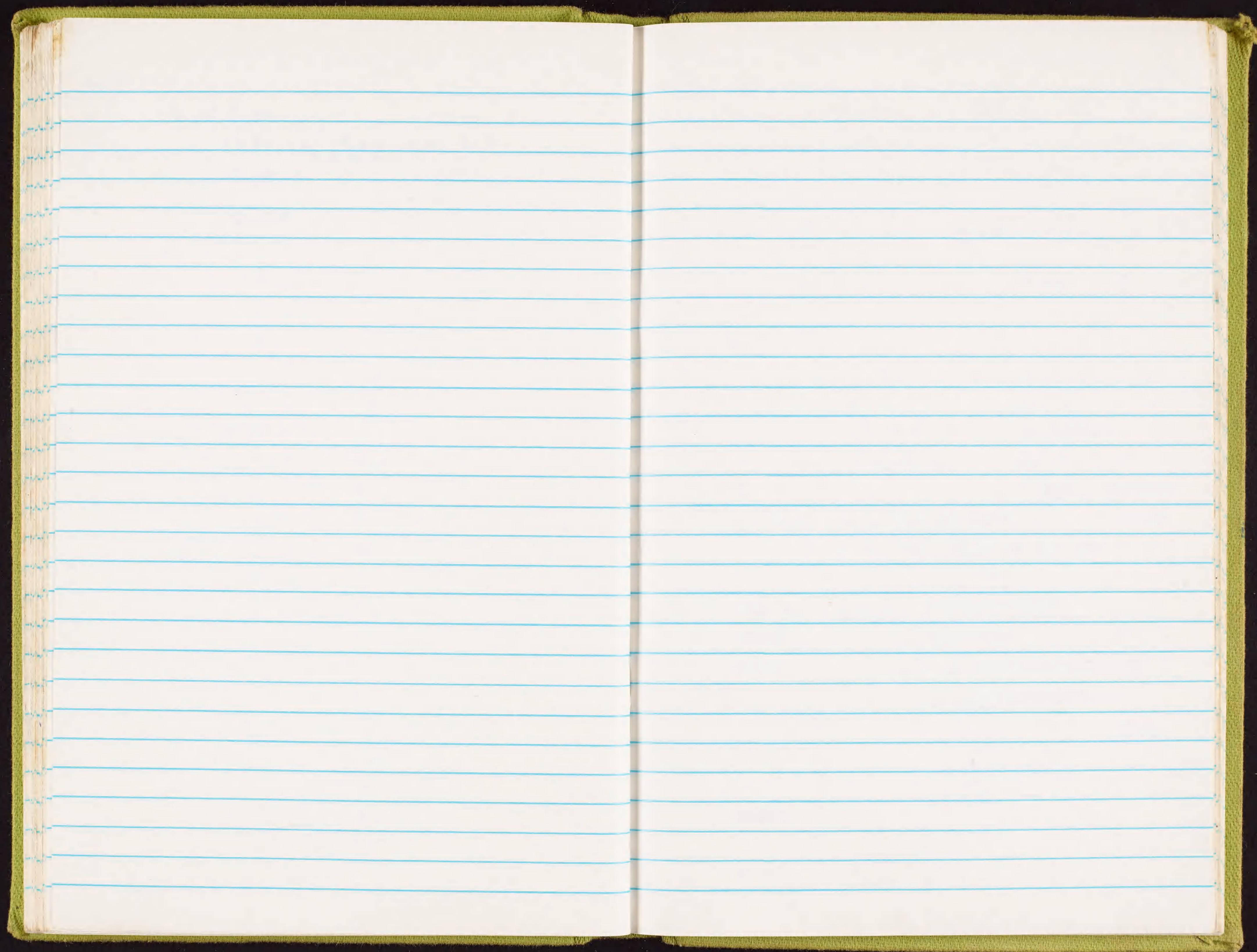
WEU -

2/2.5m

1b large 4x6" wire lift

1b gleen  
(p. 111)

quiet



2/25

3:30-3:30

55 Lanes A & B

EWG 2/3 Harper 1b/s

MVQ 11" 11" 11"

Low leg 12" 1b loop 12"  
high

Lop 15" 1b loop  
top 24"  
1.51m

Q PW + 3 PW +  
- 1m 1b loop  
1m 1b loop  
3m 1b

2/26

5 km NW SP

Trail to W. side

Acacia

♀ RTW

MVQ 4 1/2" 1b 1/2"

MVQ

WTV in Burrow on trail?  
♂ fly on snout

♂ MV Forest edge

♂ PW vertex 6/1m 1/2"

Acacia

♂ PW - 1b 1/2"

♀ RTW

♀ RTW

WTV from 24m 1b top  
3" (soil layer)

2/27 Potrero B. Woods

Light overcast 11m

25 B.T Bobolink ♀

16.8 L 12m 84t  
Shrub 21.3

16.7 L 20 4T LJ  
T Mockingbird  
W.C scrubber

15.5 L 10 4T LJ

19? B.B. Bullfinch

13.5 L (adult)

20 9T

12.3 R 20 9T

11 L overcast

11 (5 R) 4T

Ospink's

T. Mockingbird

11. (4 R) L Flyc. 1/2m

2 B.B. Bullfinch

aspm. (adult)

4T w/ bl. 1/4 Pdw  
R 14m

9T w/ bl. 1/2 R 14m

10.2 Sparrow

S. viridis

6W. Oriole sp.

10.2 Cuckoo ♀ Pdw 1/3m on 15.5

7.8 Pw L. R 18m

Screech  
Chachalaca cat. white flowered  
of orange (sun?)

? O. sparrow

7.8 R 8m Q 1/3 C Flyc. 3' reg 16.  
R. B. P. sp. - st. \*

6.5 S. viridis

84t 2.5 D

W.C scrubber

Linneted woodpecker

T Kingbird

9.3 (4T R 8m 7.5) 2  
F.T. Emerald

4.5 (6 R. T. hummer) ?

3 Chachalaca

3 B.B. Bullfinch

100-200 mm

Age 15m (YT D)

Opium

YT = 10

YT<sub>W</sub> = 1

PW = 2

LFL = 2

Inserts 9d

→ 0 3.5  
→ ♀ RT humerus on y belt

400

200 6 x 3mm lumps 1b

100 3mm sp. w 1b

4 x 3mm lumps 1b

100

200

100 J

300

100 1+1b

200

200

100 6 3mm lumps 1b (all hairy)

300

200 6 mm lumps 3m hairy

0  
20

Also on w/ back PW

♀ Red, tvt 1/3m

P PW in chionanthus

off trans. of MW

Walking back to SJ

Acacia Adm

♀ MW

LF / ACA etc. ♀ MW

SF - MW ad ♂

Feb 27 -

Immature Bicolored Hawk

at KM 8-9. Rd to

Cerro Puerto.

M.pn = 2/28

clear + calm

19.5 R 3m ~~4T 0.2/2nd~~

6 species (cont'd)

19.1 R 12m ~~4T 0.1/1st~~  
F. T Emerald

S. virco

17.5 L 20 ~~4T 1st~~

12.4 ~~4T 1st, 4T 2nd?~~

S. virco

6.5 L S. virco

2 species

16.?: B. G. G. talon

15.8 L ~~20m? MC 1st~~

FT Emerald

B. A. talon

14.9 L 8m ~~4T 1st~~

14.1 L 10m ~~4T~~

14.5 L 5m ~~4T 1st~~

13- (crab-eat)

13.9 L 4m ~~4T~~ 3/2 m

12-13 L S. virco

Mock, b. r. j.

14.9 L 4m on ground 15m

14.5 L 10m ~~4T~~

10.4 L 8m 3 4T on ground

9-10

2-8 ft (6-10 ft)

W. w. c. saltwater

(B. 6 ft back)

4-5' gradient  
H. back

8.5 R 20 (4 ft 3 ft - ground)

7.1 R 3 m 4 ft

S. vir (b)

5.5 R 15 m 4 ft min  
4 m

4.5 R 3 ft or ground

4 B. h. saltwater

4.5 h. dec

4.5 C. c. saltwater

M. Bl. h. bird

1.2 (LF) 120 m A C.

2.5/2.3

1-2 ft 2'

hard  
smooth, that sounds  
like a sofa in couch

$$4\pi = 11$$

$$Lf = 3$$

$$B_{6\text{ft}} = 1$$

depth

$$nw = 1$$

$$Hw = 1$$

$$R_{cd} = 1$$

$$/ 18$$

Ad J Rcd 6/10 m

SF 1 ft flush 1"

4 x 5 ft

WEU in Bursera - bit at fruit  
then into Acacia

2. - to a bare Bursera

bit at 2 more fruit then

Scared off

5.1. - 1

2nd WEU Spnt  $\approx$  5 min t. to jy  
+ b.t. at Bursera  
fruit then  
other big birds  
(filled up fruit  
empty tree)

A few min = 5 min

by chased off by bird  
then one came into a  
scratched  
another Bursera

♀ Red t. (12 m)  
knobbed foot / tail, 1

SF J RT (U), 4 x 6" Pb loop (47)  
2.7

Broth M. 1/2

♂ B + W W

5/6 ♂ MW ♀ 1b 12"

SP

WEU bay 1b - bay 3' 1b

1.5 / 3m

Rd. d.c. - SF

YTU searching 2 Bursera (crown)  
possible visit for frt?

Watch some trees as earlier -

for 42 hr. f. 127 WE URC come  
in + b.t. at 3-4 fruits

for 5 min when army t. not here -

then YTU come b.t. at 2-3  
frt - sp. 1b 12" time  
perched watching →

YTV flew to another  
Burr-

Sit on wire (1100)  
for 5 min then left

Collected first fallen  
in woods  
by R.T

1 March (Natt.) Brazil Araguaia  
PC-humid lost forest

6:30 - R. P. Prothonotary  
3 B.B. humboldti  
2 Cinnamon humbird  
1 ♂ ~~♂~~ F7 Emerald  
Dusky-rumped Pj.  
Scrub Vireo  
Clay-colored Robin  
B.h. S. Ito  
S. B. wren  
Couch's Kingbird  
B. C. and Oriole

OURBIRD PT 11.5 <sup>21.0</sup>  
FAT = 1 WT = 18.4 <sup>31.2</sup>  
# 250 BLUE/WHITE OURB BLUE/WHITE CBT <sup>12.8</sup>  
AGE?

REDSMRT ♀ PT 18R <sup>28.8</sup>  
FAT = 1 WT = ~~16.5~~ <sup>20.5</sup>  
# 183 RED/GREEN over red/kren left

LEAST Flycatcher PT 18R <sup>25.3</sup>  
FAT = 1 WT = 8.5 <sup>18.8</sup>  
# 184 YELL/orange over yell/white left

BLACK + WHITE WARBLER PT 4 17.0  
 FAT = 1 WT = 7.7  
 # 185 Blue/WHT over Blue/WHT LEFT  
 ADULT ♂ NO MOLT

HOODED WARBLER PT 8 29.4  
 FAT = 1 WT = 8.6  
 # 186 Blue/WHT over Blue/WHT LEFT  
 FIRST YEAR ♂

CHAT PT 8.5 18.7  
 FAT = 1 WT = 22.3  
~~tree~~ ~~blue/brown~~ 22.3

DARK BLUE/ORANGE LEFT (Had Seeds)  
 ADULT - very bright plumage

HOODED WARBLER ♂ PT. 8 31.3  
 Fat = 1- WT = 10.7  
 # 187 Blue/Red over Blue/Red LEFT

2 CINN HUM

3 OLIVE SPARROW

Tropical Mockingbird

Scrub Vireo (Blue/wh Band)

No. Beardless Tyrannulet

LEAST FLY PT 11.5 15.3  
 WT = 9.4 FAT = 1  
 # 188 Blue/WHT over Blue/WHT WT

20.3  
 14.3  
 6.0

REDSHIRT ♀ PT. 20-  
 WT = 6.0 FAT = 1-  
 # 190 Blue/WHT over Blue/WHT LEFT  
 (2) S. B. WREN  
 (2) B. B. HUMMING  
 (2) F. T. EMERALD  
 (2) SCRUB VIREO  
 U.C. SEEDS

American Redstart ♀ 31.7  
 PT. 5 Recap Black/Pink Left 25.6  
 Fat = Trace WT = 6.1 gr # 150 6.1

Least Flycatcher 42.9  
 PT. 2 33.5  
 Fat = 1 WT = 9.4 gr 9.4  
~~blue~~ Wh/Blue/Red/Wh # 190

AM Redstart immature ♂ PT = 9  
 # 141 Blue-Red / Blue-Red. 20.0  
 Recaptured 9.5  
 Fat = 1 Weight: 10.5 gr 10.5

*Eupidonax minimus*  
Recaptured  
Fat 1+

34.5  
-24.5  
10.0 gr.

Pt=3

#142.

Yellow orange/Yellow-orange  
left.

2 March Day 2

Common Yellowthroat Pt 14 ♂  
FAT = 1 WT = 9.4

#191 Blue/white over Blue/white left

Grazed. Arachnid.

LEAST FLYCATCHER Pt 19  
FAT: 1 WT: 9.5  
#194 red/Green over Red/Blue, left

\* YELLOW BREASTED CHAT Pt 18  
FAT 1 WT 23.5

Dark blue over Dark Blue, Right  
(recapture from last year)  
seeds in bag

# LEFL Recapture from FALL

#137 CT BLUE over CT BLUE left  
FAT = 1 WT = 8.3  
PT = 0

8.3  
25.0

8.3

(2) Altamira Oriole

Greenish Elania

W.L. SPDS

BB Humor

N.B. TOWHEE

(5) OL. SPAR.

BL. CATBIRD

Yuc. WOPECK

AB.L. ORIOLE

(2) CARDINAL

♀ Pt 7.5

HOODED WARBLER ♀ recapture from yesterday  
Band #186,

Left, Blue White over Blue White  
FAT: 1 WT: 8.4

Escaped - COYE Red/Black Pt. 9

Greenish Elania

Trop Mock

Bl. Cat

BB Hum

Yuc. WP

SC.VI

OL Sparrow

TP

Black-Tipped Green Whistler 33.0  
SEX = ♂ IMM PT = 1 25.0  
WT = 8.0 FAT = 1 8.0  
ROS/RES CEET #196

Ourbird PT = 6

#154 yellowish over yellowish  
FAT = 1 WT = 17.2 17.2  
19.8  
17.2

David had ~~18~~ Orchard Oriole

Coming to white ligustrum flower

PT 20

MW 5 SF

SL PERM

D. 7 3 ungrazed Ac. h-1  
3/3/89

6:00

Pt 15 imm 3 Rds New  
Black & orange | bl-k #97  
Fat = 1-  
38.5 - 32.5 = 7 gr

2

N. + Left opr at Pt 10.5 #251  
Pt  
10.5 e Ox-bird 31.5 gr  
LIGHT BLUE OVER PINK 14.0 gr  
17.5 gr  
FAT = 1+

Pt. 19 Recaptured adult. <sup>Common</sup> Yellow-throated  
last. year

# 29.2 Fat = 1  
20.5 orange/blue (deep) #2628  
08.7 gr Weight = 8.7 gr.

imm ♂

Magnolia Warbler Pt = 8  
Fat = 1 # 201 GG.

21.2

14.0 orange-yellow / orange yellow  
07.2 gr no molt.

Jill. saw. 1 banded magnolia.

White eyed Vireo. recaptured. Pt = 3  
black / green left.  
#155.

16.5  
Fat = 1 Weight: 09.7 gr.

Least. Flycatcher.

Recaptured from yesterday. Pt = 2.  
190 left. right. Fat = 1.

blanco azul / rojo blanco left.

(Pt = 5)

Vermivora pinus. ♀ adult. Recaptured 1/ last. year.

# RG. 239. dark blue / light. blue. 33.0  
Fat = 1+ 25.5  
Weight = 07.5 gr.

- Black headed Saltator

♀. Hooded Oriole

- Glaucidium brasilianum.

- Cardinal. (2) + 1

- Black Catbird (2)

- Cinnamon (?) Hummingbird.

- Ruby throated Hummingbird ♀. → open net.

- Mockingbird Tropical (2)

- Polioptila caerulea

- Mangrove Vireo

- Buff b. Hummingbird.

Pt = 4

25.2

18.2

# 280 GG. 87.0 gr.

Parula americana. ♀

Pt = 9

Left

red green / green red. Green red / red green,

# GG = 279

Fat = 1

Weight = 5.9 gr.

21.4

15.5

05.9 of.

Magnolia Warbler ♀

Pt = 3

Holting around the face.

25.3

red green / red green

18.5

# GG 281

86.8 gr

Weight = 6.8 gr

Recaptured. Vermivora parvus.

Cardinal

♀ R. T. Hummer

♂ Black Catbird

Properstroke

B. & W (B-W) ♀ Red Pt 20 - 1 - fat

Benguit

Pt. 16 Yellowthroat ♂

9.9 grams

11.7 green / Black

# 272

Fat = 1<sup>T</sup>

March 4- 6:00-7:00  
Trail S. of R. Tiber  
Peromyscus gossypinus  
scrubby shrub land

Small fly catching B-1000 fm

WEV (one ant, tree  
scrubbing, & running)

BTG 7/8m Amm. 113  
♀ 1b gl

SF - imm ♂ Recd

SF molting ♂ MW

FMNT km 12 - Murphy Rd

John RR

5 } 13/18 ~ Amm. 1b long tail 6"  
4 } BTG broad-tailed 3.5" tail 8"

♂ - MW TF  
♂

Imm ♂ R. 1st  
ad ♂ R. 2d

24 T. (10)

♂ Hu  
♂ tr

♂ BTG  $\leftrightarrow$  2x 4" 113 ~ 1b gl

♂ MW

BTG ♂ 10/11 1b tail, Acci.

♂ B2n

BTG ♂ 3 8/10 1b tail 8" Amm

3/6/89 OLD FOREST TRANSECT

6:45 (3) Blue Bunting ♂  
Hooded Warbler Pt 7  
Gr/Blue/Yellow left # 192  
WT = 12.1 gr Fatt = 14  
♂

Blue Bird ♀  
♂ BO

3 Olivaceous Woodpecker  
T. B. Woodpecker  
R. T. A. + tit, ✓  
G. B. Sparrow  
Spadebill  
T. B. Woodpecker

→ SAW ♂ HB  
pt 14 um

6, L. flycatcher pt. 12

W

377  
25.6  
12.1

9:30 -

Q B Bunting  
♂ W.T. singing  
Ruddy Woodcreeper

11:00 - R. Woodcreeper

Blue Bunting

S.R. Flycatcher

~~Ovenbird~~ G.B. Sparrow

PT. 19 Ova-Bird - New

# Fat

# 252 R

WT = 6.6 gm

19.9 gm

12:30 - 2 Blue Buntings  
1 Blue Bunting  
Green-backed Sparrow

★ Hooded Warbler ♂ Pt 13 35  
RECAPTURE - BLUE/RED LEFT # 161  
FAT = 1 WT = 9.7  
Young male by tail bands

♦ old forest March 7 - notes

2/12 PWG in yellow

legume flower

PTZ

10/12 Bt 3 as 1b gl 340<sup>ml</sup> fat

Pr 12 - Spiz 4 10/12 n Acc 14 rock

2 in views apparently truly  
together

7:00 AM

Our-bird Mar pt 19.  
16.8g. 1/1 - fat

Most like <sup>tiny</sup> Bird in right leg!  
10 ft 200

R = B-41R-V

Ivory-billed Woodpecker

R.T. Ant-tanager

9:00

2 Blue Btch

→ R & Ant-ground Ant T 8  
T. C. Geom

11:00 2 ♂'s Spangled

B.B. Hummer

W.T. Sabrewing

♀ Blue bunting

Um Kentucky <sup>♂</sup>  
seen

± PT 2.5

Rufi. Woodpecker

Oliva. Woodcreeper

Blue Bunting

Blue Bunting

White-Eyed Vireo

pt 19.5 Escaped

28.7

(10.3 gram)

12:30

2 ♂ Blue Bunting

- Ivory woodpecker

1:30 4 ~~♂~~ Blue Bunting

Tawny-crowned Bunting

2 ♂ OLV. Woodcreeper

Long-billed Gnatcatcher

Pearl Knob

2 olive siskin

Kentucky. WARBLER

PT = 2.5 - 3

39.6. FAT = 1+

25.5. WEIGHT = 14.1 gr.

14.1 gr. # 283

GREEN OVER BACK

HOODED Warbler ♂ ad.

PT = 17.

16.7 Recaptured from last year.

6.8. pink/pink, # 195.

9.9. FAT = 1

330 B-Bunting ♀

OWENSBY

U. B. Emerald

50.5. - - WOOD THRUSH - PT = 2.5

6.7. FAT = 1

23.8 gr. IMMATURE BY. TAIL BARS.

BLACK / WHITE LEFT.

WEIGHT = 14.1 gr.

March 8 Patino

clear & breezy

6.1 R. chukchian

0.1 ~~GTAhd~~

FT Emanal

Shahs

7/2-th

fin then

2.5 ~~(R GTLd)~~

24. Bicagay

B. G. G. + (2cv)

2. Hand reader

Shahs

3. S. Bi. wen

3. S. Bi. wen

3. 9 ~~(e GTLd)~~

4. B. chukchian of from

4. 8 ~~FW 120 n.d.~~

~~Pr. T. B. - 279~~

5. S. R. B. Peppermint

chukchian

0. sprav

6. S. virco

~~(P. M. t. 2)~~

6.2 12 am ~~FW 120~~

7. 0. FG empty

7. 8 10 am ~~(C 4T hB~~

M. Bi. (2) T. hB

2 B. G. G. chukchian

0. sprav

~~R. T. hB~~

7. 8 ~~FW 120~~

den chuk

2 D. ge. Orole feel street-wheel skid

aversing white wheel skid

& a trill "

4 catches Highland

8. Aitamira On 6

9. 1. T. M. hB

10. 2. S. virco

0. sprav

~~GT R Sm~~

~~GT & hB~~

11. 2. sprav

it virco

2 C. M. hB - lots of

signs - day

12. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 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892. 893. 894. 895. 896. 897. 898. 899. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 9

13 2 0 sprouts

5

Sheep

16 1 1. Mockingbird

16 (9) 2 YT in cut trap

18 (11) 2 Hybrids

19 2 0 sprouts

18 8 8 75 15M

19 1 4 YT 1 th

19 2 0.5 sprouts

B. bib. with

10 YT

2 PW

1 HV

1 Lfly

14 VR

1 RTh

1 LTh

6

16 m 3 sprouts

1 sprout

TARIR seen AT RANCHO TABANO  
Intrao) B.S. - old forest

March 6

9:30 AM

March 6-7

AM

On road

2-3 collared Sparrows

1 Phainopepla rd

R.C. Antthrush

8 AM

Left at Orange Valley 5:30-2

Potato

white-flowered - lime in

cutting

Chives - perennials some seed set

Insect - potato 6R

100 3m column Th

100 4m column seen Th

200

200

200 4m sprouts

200

200

300

200

200

200

200

200

200

200

200

2+3m high Th

200 ~~Imr gr jumps up 1b~~

260

250)

0/6

On way back from firecut 900-1000

I visited WECO (ca (chit))

ACR (5-10m) at a protest

Scrub area - Messiness  
and cutting

WECO flag over leafless stylz  
& fassines

l Spt up a Burke →

Planted 1000 soon in box

Crownalt Burke

Mar 9

6:15 NL STREETS

1st LEV went into Bush

for 3 min

tried on fruit -

at 2nd (probably)  
then out of tree

2nd LEV went in at 1st fruit -

for 1st following flew by

at 2nd out

of tree

3rd went into tree - got out fruit

fruit 1x on ground

then left

4th LEV went back down

9th LEV came to 3 tree

tried on 4 fruits 1 failed  
2-3 pull/fruit.

then left B-race LD large 15"  
3x6" last  
3x6m

→ I walked over the trees

at 4 bushes - away

checked out of last on

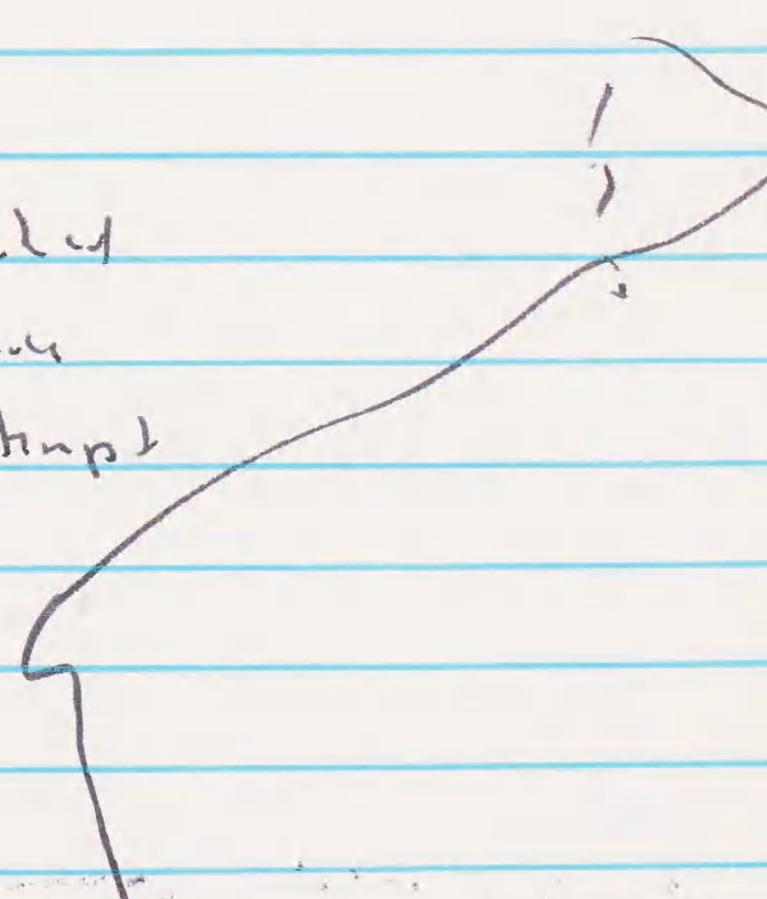
by another LEV

→ tree

thin branch stuck

crown + many

one attempt



NEU 7/11 classic

1b lip 3" 6x7"  
large T" lat  
1"p 3"

B+6 Annual edge  
1b hairy 3"  
1b green  
1t flesh

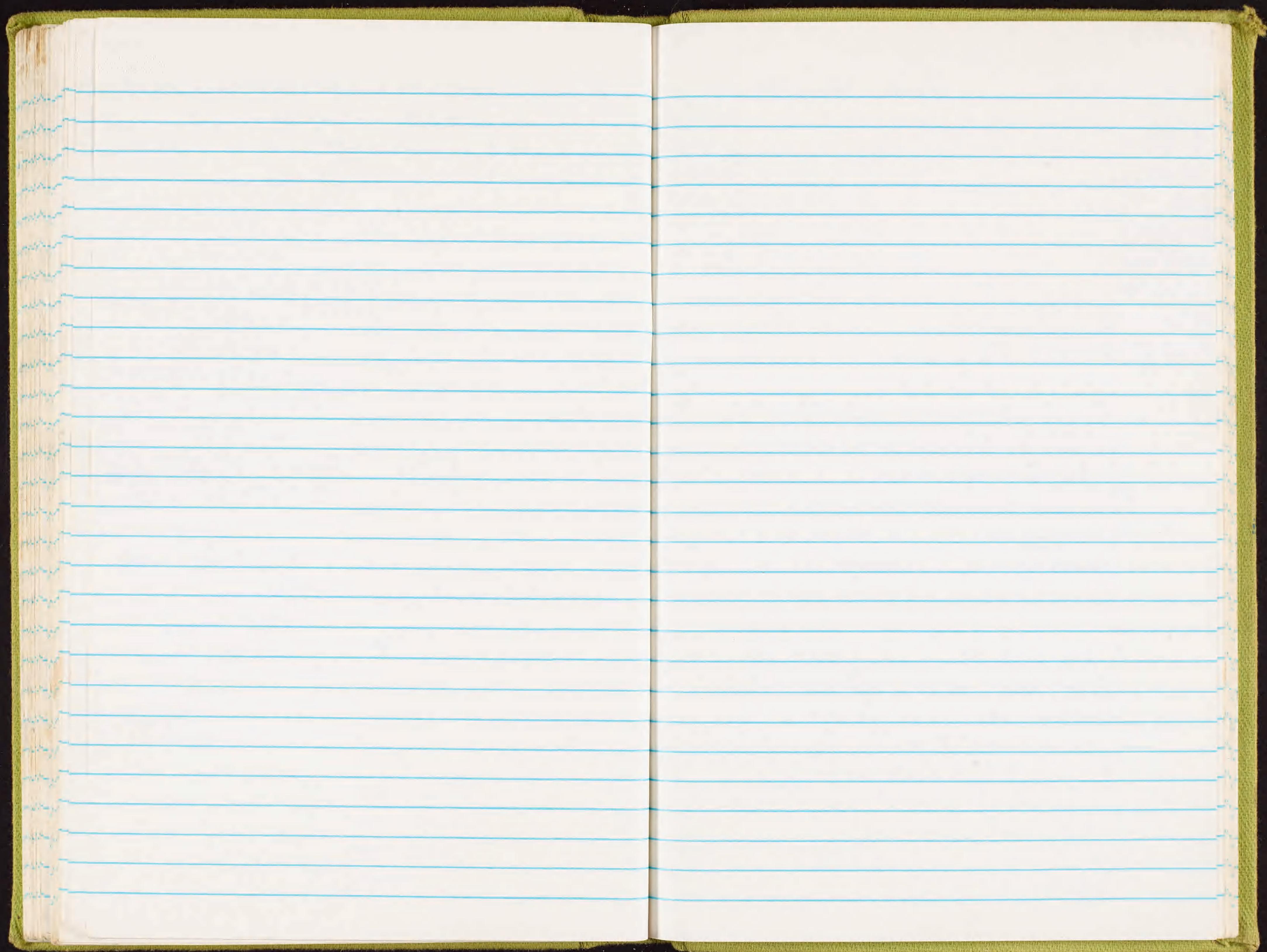
NEU 1b, 1 3x5" 5/7

NEU 1b lip 1" 2x3"  
green twined 1.5"  
5/7

NEU 1b gl w shrubby

Snw Crane Hawk Behnol

ST  
whistled  
makes rattling call?



Old Forest

March 10 1978

6:00 a.m. sunset

(P. P. Montebello)

B. B. luse

Onceper  
spade bill

2 B. Jay

Oncoleps

0.2 R (MW Ld)

6.8 I B. Red tail

(MW Ld) 10m 15/18

1,2 R (R. Ld)

1,1 (R. Ld)

2-3 Gibnitit W B. (flute)

G. B. sparrow

W. B. war

bracelets

G. Elimi

Goldfinch war

YTF (L) cut tail

G. (L) 10m. B. B. war

WTF cut tail

(B. B. - 2 Q. 17/17) cut tail

YT Euphonia

S. B. woolly war

G. C. Chir

(B. F. W. Ld)

W. B. war

8+  
Red-tailed hawks - include ad. & imm.  
in smaller than her

C. catbird

B. Bunting

32 L. silver. Yum

32 Patchy 8m 17/17

(Mehd)

G. O. Fl. war

2 R. T. T-123

B. B. war

3.6 L. 15m Red. Ld

3.7 R. Red. Ld.

I. B. war

2 O. war

2-2 B. h. Taylor

9.2 L. 6m R

(G. G. Fl. ad. Ld)

WT. Shrike

4.1 L. 5m RW 2.13

4.2 2 spade bill

6.1 L. 2 R. 8/10m R 2m

6.2 G. M. 10/12m R 8m

5.9 R. 8m ad. 2 Red 13/16 Bum

2 flye "

B. R. Ad. 13

(C. c. woodpecker)

8.2 R 12m

(WEU 6-416-W) *folioli*  
R.LH 13/14 8/10

MW 3

4.1 *leptini*

Crohn wren

Spilornis

~~haw~~ b. Benih

9.0

T2 R (BT 6 LH)

wBwren

R.T Antillean  
R.L. *longirostris*

W.3 *elizae* 3 Red  
B. (H) BT (F) 2m  
(1.5m)

(3 BT 6 LH 12m)

3 R.T Terns

G.B. sp. n.

HTV 180m  
R. Thunberg

MW & LH

(B.L. *divisa*)

R. + An

L. B. *taeniif*

13.5 & Umwoodp.L.

14.2 B. Buzs.?

B-C Nutcrat

16. ? O. woodpecker

(HW. 2.75

PC 1/2

Immature. W. B. *thol.*

17.5 *antillae* WEU lap 3" 16285  
Um 7/10m

B. R.

MW 3 N. FR sm 8/16m

3 B. *ant.*

18.5 (WEU 6-416-W) *antillae* (distressed)

R 15m

Ph. 1/2 10m

9-10 PC *hyacinthus*

1m 3 or 2 Red 4/10m 16 large 2

18.6 R. Terns

19

S. C. Shov

19.5 R 140 ft B. B. - L

$$M_w = 9$$

$$R_{cd} = 8$$

$$WEU = 6$$

$$\beta + w = 2$$

$$H_w = 1$$

$$YTU = 2$$

$$wood\ th = 1$$

$$GCF_L = 1$$

$$LPI_S = 1$$

$$PW \approx 2$$

$$R_{KL} \approx 5$$

$\sum_{i=1}^n s_{ij} = 38$

200

3mn sp. 1b

100

300

200

200

200

200

200

200

2mn meth/1?

200

100

200

1900

200

100

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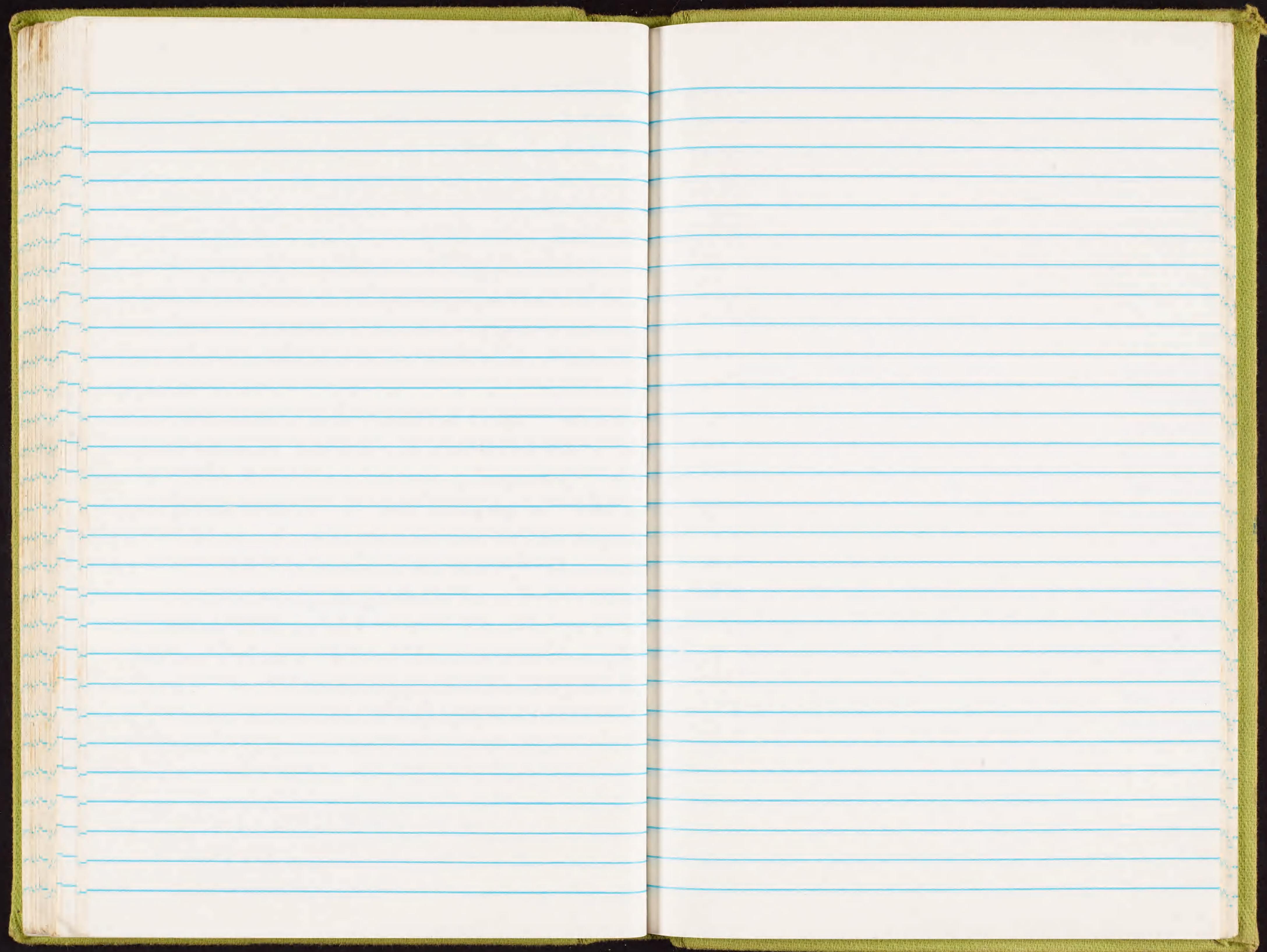
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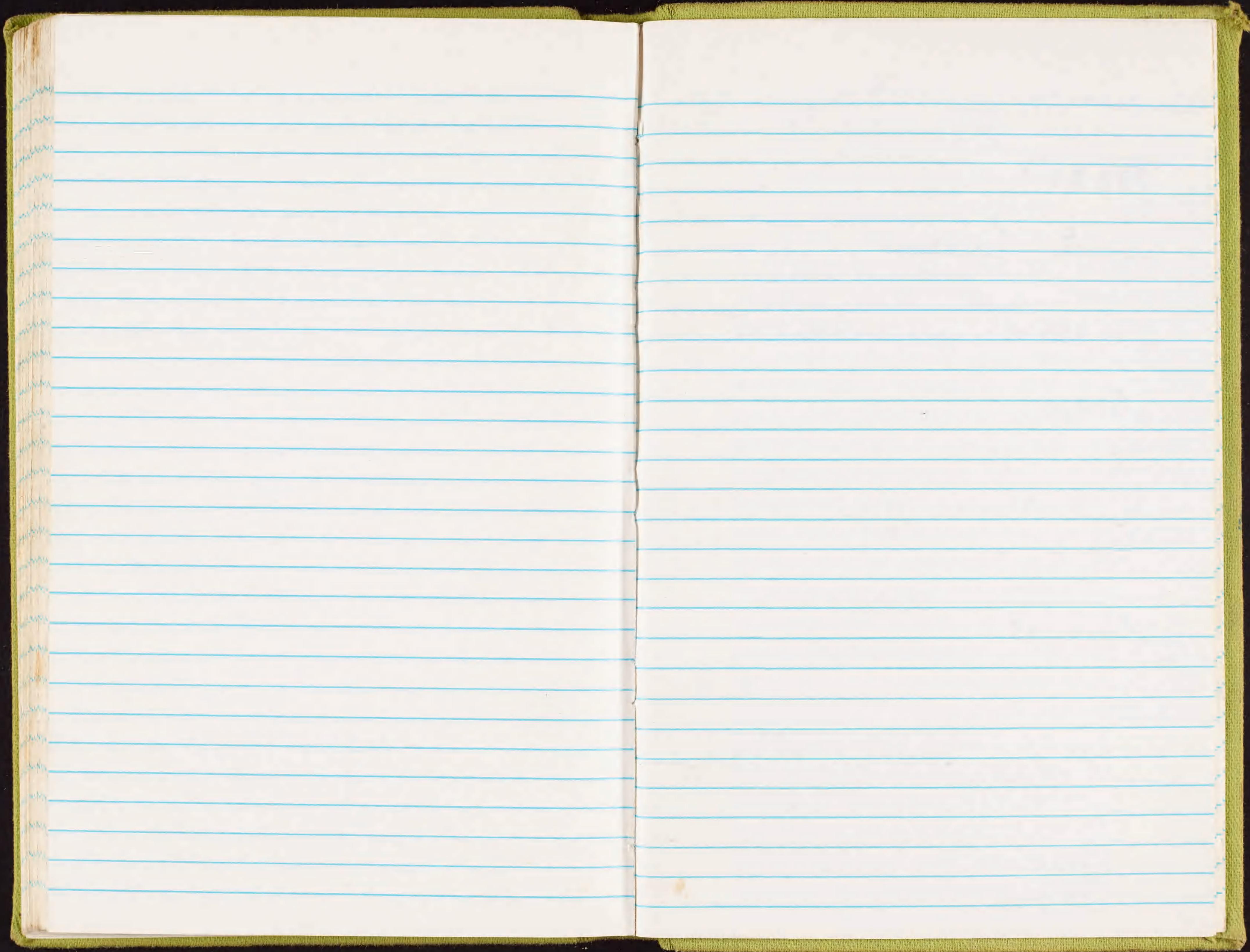
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Chiapas -

8888888

SEDE Delegado

Chabojul

Chajol

Juan Manuel Mauricio

Seude  
Tuxtla

Chiapas

J. H + David Heath  
49 Lewis Path  
Old Westbury, New York 11568  
516-626-3614

ROSA MA. VIDAL R.  
DIRECCION. PERNAMENTE. MEX. D.F.  
EUFKARO #192 COL. INDUSTRIAL  
CP 07800 MEXICO D.F.  
en SAN CRISTOBAL LAS CASAS:  
tel 80542 (CASA).

DIRECCION; PERIFERICO NORTE #3.  
APDO POST 219 CP 29230, S.C.C.  
CHIAPAS.

52-967

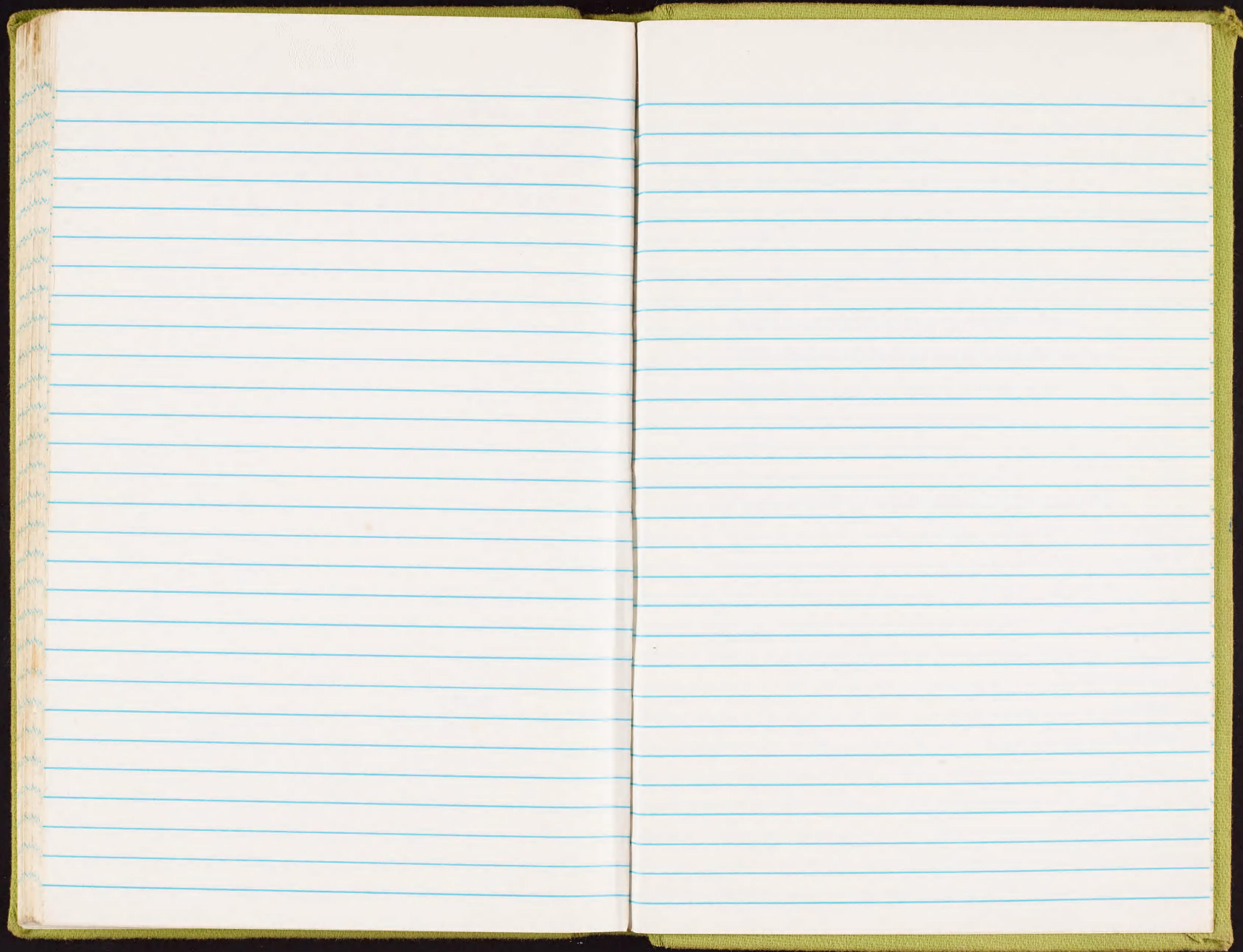
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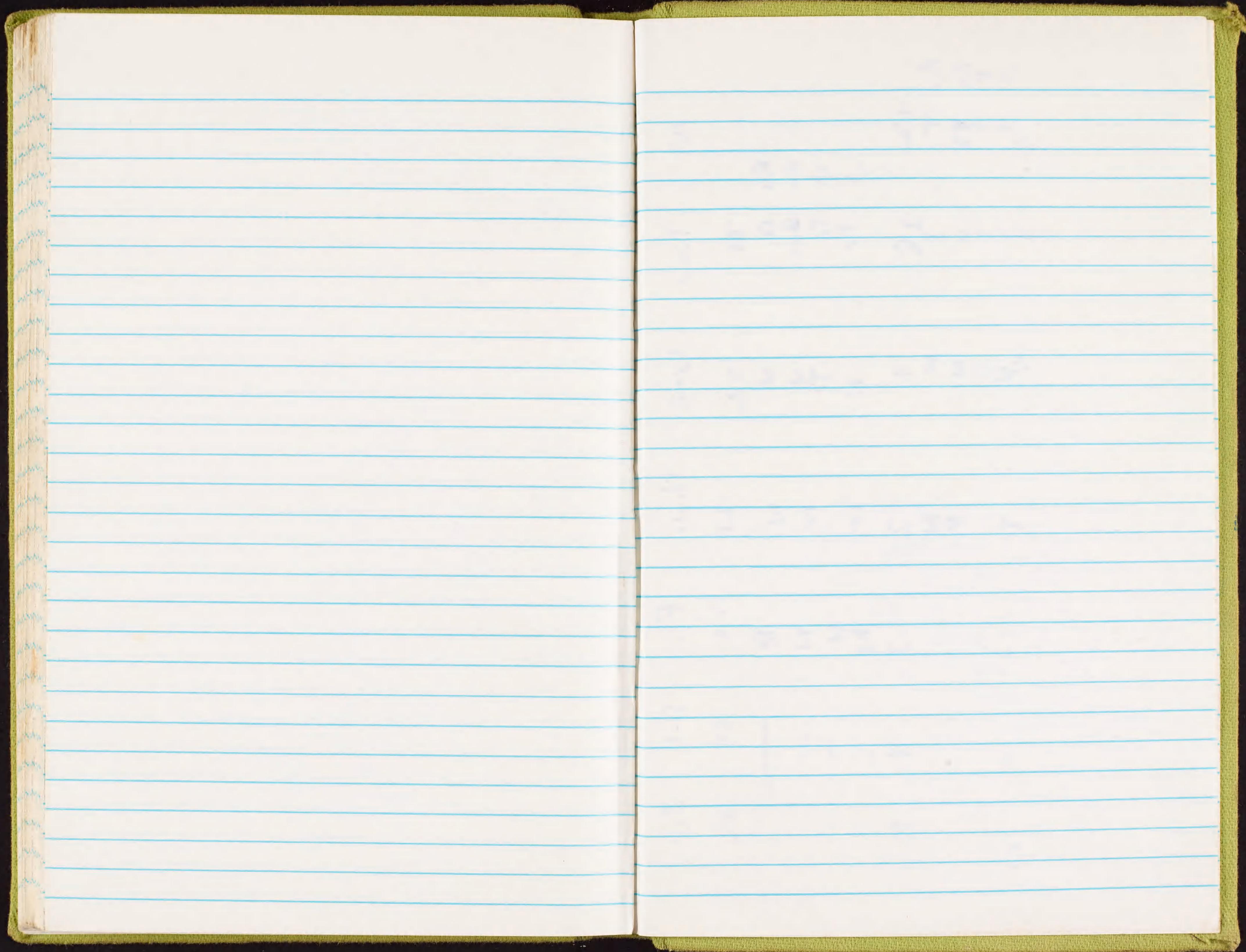
6-9

01

Amigos de S... K...  
4-95-83

Simón Guerrero  
1230 Amsterdam Av. #233  
NY NY 10027  
tel (212) 866-1724 (Homicide)  
(212) 678-3220 (Messages)





CO<sub>2</sub>R

C<sub>1</sub>-<sup>10</sup><sub>10</sub> + P

3

CO<sub>2</sub>R

H<sub>2</sub>-O<sub>2</sub> + T<sub>1</sub> R<sub>1</sub>O<sub>2</sub> + T<sub>2</sub>

2Z0Z2 - Z<sub>1</sub>Z<sub>2</sub>Z<sub>3</sub> W<sub>1</sub>

→ WZ<sub>2</sub> Z<sub>1</sub> Z<sub>2</sub> Z<sub>3</sub> Th<sub>1</sub>

∴ Z<sub>1</sub>Z<sub>2</sub>Z<sub>3</sub> W<sub>1</sub> f<sub>1</sub>

= Z<sub>1</sub>W<sub>1</sub> |  
Z<sub>2</sub> Z<sub>3</sub>

12

Before leaving Mexico

~~Money to Rosa \$450~~

Money to David + Jill \$1,000

Franco - statement from them

BUTTER fruit

phone #s at Delgado y Bracelka

Rosa's Address + phone

Final Transcribing Field Notes

Yerap Field Notes

\$800  
270  
180 150  
R. 0. 11. nor 20 Nutting Hall (h) 866-7817  
Pete Myers 1470

TCCOS 2/17 20,000 pesos

Chuck & Monica 2/18 Dinner \$30,000  
256 4229  
Food \$47,000  
\$160,000 Pesos

St. Simeon - 285 6015  
- 756-6961  
J. P. Myers - 212-546-9281  
\$200 Amigos - for insurance

\$200 David + J:11

32000 from

20,000 (ur - 0.1) pesos

25,000 place with Agents  
Bulwer

\$300

300  
450

1450  
200  
300

1950

5000  
53000  
56000

1) Rent car 3) PNAS

2) scholarly studies

J. M. Ditz Apr. 1 3 1-2

Dodge Foundation Princeton

Apr. 1 8

April 1

{3.20}

43  
45  
215  
72  
185

Then to Simeon

Yellow flowering Canna - pt 10

white flowers were old forest

Rainfall data

Land-use data

Cost of phenology

Marketing Data

Chat seeds?

98328068

